1/ Script: TC2\_AddHeader

**Action**()  
{  
    **truclient\_step**("1", "Evaluate JavaScript code Utils.addAutoHeader('Hea...ercool', false) ", "snapshot=**Action\_1.inf**");  
    **truclient\_step**("2", "Navigate to https://www.wikipedia.org/", "snapshot=**Action\_2.inf**");  
    **truclient\_step**("3", "Navigate to https://www.opentext.com/", "snapshot=**Action\_3.inf**");  
    return 0;  
}

Evaluate Javascript code :

Utils.addAutoHeader("HeaderFromJS", "Supercool", false)

1.1/ Interactive replay (chrome 131.0.6778.109):

Custom Header “Headerfromjs” is visible under DevTools : OK

A screenshot of a computer

Description automatically generated

Even with Runtime Settings > Log > Extended Log > Log HTTP request headers, custom header is not logged onto output.txt (as you mentioned). Will probably open a separated enhancement request.

1.2/ Load mode replay (Chrome or Edge):

Import replay.har onto Chrome DevTools.

1. 1st request to Wikipedia.org is not shown…
2. So added a 2nd request to opentext.com.

A white background with black text

Description automatically generated

PROBLEM : custom header “Headerfromjs” is not found on har file : KO

* Yasen Abazov 24jan25 : custom header not logged on har file, root cause unknown, but header is actually effectively set

A screenshot of a computer

Description automatically generated

# How to verify header is set in replay load mode ?

Yasen Abazov

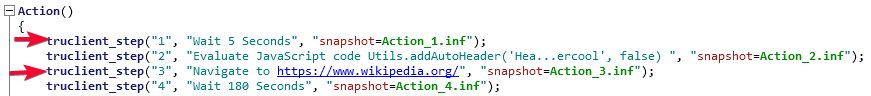
* Modify default.cfg (script folder)

[TruClient2]

PaintWindowsInLoad=1

This will open a browser window during load mode replay in VUGen.

* Set Wait times before and after the request



* Once browser is opened, open developers’ tools / network and check request headers

# How to proof TC2.0 is setting custom headers, a node.js exercise

Server.js

const express = require('express');

const app = express();

app.get('/', (req, res) => {

console.log('---------------------------------');

let headersHtml = '<h1>Received Request Headers</h1><ul>';

for (const [header, value] of Object.entries(req.headers)) {

headersHtml += `<li><strong>${header}:</strong> ${value}</li>`;

console.log(`${header}:${value}`);

}

headersHtml += '</ul>';

res.send(`

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Request Headers</title>

</head>

<body>

${headersHtml}

</body>

</html>

`);

});

app.listen(3000, () => {

console.log('Server is running on http://localhost:3000');

});

Npm install express

Node.js Server.js

curl -v -H "X-Custom-Header: MyHeaderValue" <http://localhost:3000>

Server side:

A screenshot of a computer program

Description automatically generated

Client side:

A screenshot of a computer program

Description automatically generated

From VUGen replay load mode:

t=00003573ms: Step 7: Navigate to http://localhost:3000 successfully completed with End Event "Document Loaded". [MsgId: MMSG-205180]

t=00003584ms: Response body for "http://localhost:3000/" (1401 byte(s), decoded) (internal ID=0) [MsgId: MMSG-204696]

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Request Headers</title>

</head>

<body>

<h1>Received Request Headers</h1><ul><li><strong>host:</strong> localhost:3000</li><li><strong>connection:</strong> keep-alive</li><li><strong>upgrade-insecure-requests:</strong> 1</li><li><strong>user-agent:</strong> Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/132.0.0.0 Safari/537.36 Edg/132.0.0.0</li><li><strong>sec-ch-ua:</strong> "Not A(Brand";v="8", "Chromium";v="132", "Microsoft Edge";v="132"</li><li><strong>sec-ch-ua-mobile:</strong> ?0</li><li><strong>sec-ch-ua-platform:</strong> "Windows"</li><li><strong>accept:</strong> text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.7</li><li><strong>headerfromjs:</strong> Supercool</li><li><strong>sec-fetch-site:</strong> none</li><li><strong>sec-fetch-mode:</strong> navigate</li><li><strong>sec-fetch-user:</strong> ?1</li><li><strong>sec-fetch-dest:</strong> document</li><li><strong>accept-encoding:</strong> gzip, deflate, br, zstd</li><li><strong>accept-language:</strong> en-US,en;q=0.9</li></ul>

</body>

# Git repository

<https://github.com/rbrtgn190/LRDemo/blob/master/TC2/TC2_AddHeader>